



# *Lake County* *Department of Agriculture*



## *2015 Crop Report*



**COUNTY OF LAKE**  
**Department of Agriculture**  
**Department of Weights & Measures**  
**883 Lakeport Blvd.**  
**Lakeport CA 95453**  
**Phone: (707) 263-0217**  
**FAX: (707) 263-1052**

**STEVEN HAJIK**  
**Agricultural Commissioner**  
**Sealer of Weights & Measures**

June 2, 2016

Karen Ross, Secretary

California Department of Food and Agriculture

The Honorable Board of Supervisors of Lake County

It is my pleasure to present the Lake County Agricultural Report for the year 2015 in accordance with sections 2272 and 2279 of the California Agriculture Code. The gross value of Lake County Agriculture production for 2015 was \$101,135,648. This is an increase of 9%. The increase can be attributed to an increase in the value of the wine grape and pear industries. Agricultural production value for 2014 was lowered after reviewing the pear data. **This report represents gross agricultural receipts and does not reflect production costs or net income to the producers.**

The gross value of wine grapes was \$63,390,181 an increase of 7% from 2014. The total tonnage was 38,786 and the total grape acreage was 9,455, an increase of 673 acres. The tons per acre increased slightly and the average price per ton increased by 7%. The wine grape return (price per ton) was the highest on record.

In 2015 the gross value of pears was \$26,098,171, an increase of 21% from 2014. The total production increased by 9,002 tons, and the price per ton increased by 2%. The pear price per ton on all Bartlett pears was the highest on record.

The gross value of walnuts was \$5,383,560 a decrease of 25% and production slightly decreased. The price per ton decreased by 19% and acreage increased to 4,016. There was a big difference in the price per pound for conventional growers (\$.65) and organic growers (\$3.00).

Increases were noted in nursery production (36%), miscellaneous fruit (14%), livestock and poultry products (23%), and vegetables (3%). Decreases were noted in livestock productions (4%), field crops (33%) and timber (1,250%).

The gross value of pears in this report represents the value of the pears after they are packed and processed. The figures do not indicate the value of the pears at the time of harvest or the gross income of the producers. The gross value of all other commodities in this report represent the value of each commodity at the time of harvest.

I would like to thank Joseph Lundeen, Agricultural Biologist/Weights and Measures Inspector I, for his efforts in compiling the information, providing the photographs and working on the layout of the 2015 Crop Report. I wish to express my appreciation to the many individuals and organizations who contributed to making this report possible.

Respectfully submitted,

*Steven Hajik*

Steven Hajik

Agricultural Commissioner/Sealer of Weights and Measures

## 2015 FRUIT AND NUT CROPS

COMMODITY	MARKET TYPE	YEAR	PRODUCTION (TONS)	YIELD (TONS / ACRE)	RETURNS \$ / Ton	GROSS VALUE	BEARING ACRES	
WINE GRAPES								
WHITES		2015	15,565	5.5	\$1,154	\$17,972,823	2,809	
		2014	16,467	5.7	\$1,108	\$18,252,244	2,914	
REDS		2015	23,221	4.4	\$1,955	\$45,417,358	5,254	
		2014	22,206	4.3	\$1,829	\$40,614,551	5,156	
TOTAL ALL WINE GRAPES		2015	38,786	4.8	\$1,634	\$63,390,181	8,063	
		2014	38,673	4.8	\$1,522	\$58,866,795	8,070	
PEARS								
BARTLETT <sup>2</sup> INCLUDING RED	FRESH	2015	14,866		\$980	\$14,580,777		
		2014	15,797		\$897	\$14,169,909		
	CANNERY	2015	19,374		\$414	\$8,011,336		
		2014	8,147		\$332	\$2,704,804		
	BY- PRODUCTS & Juice	2015	3,263		\$325	\$1,058,826		
		2014	5,757		\$269	\$1,548,633		
	TOTAL BARTLETT		2015	37,503	20.1	\$631	\$23,650,938	1,863
			2014	29,701	15.1	\$620	\$18,423,346	1,963
All Other <sup>2</sup> (INCLUDES; ASIAN, BOSC, COMICE, SECK- EL)	FRESH	2015	2,151		\$1,099	\$2,365,016		
		2014	1,452		\$981	\$1,424,412		
	BY-PRODUCTS	2015	864		\$95	\$82,216		
		2014	363		\$64	\$23,477		
TOTAL OTHER		2015	3,015	20.4	\$812	\$2,447,232	148	
		2014	1,815	12.3	\$798	\$1,447,859	148	
TOTAL ALL PEARS		2015	40,518	20.1	\$644	\$26,098,171	2,011	
		2014	31,516 <sup>1</sup>	14.9 <sup>1</sup>	\$631	\$19,871,205 <sup>1</sup>	2,111	
WALNUTS								
TOTAL ALL WALNUTS		2015	1,479	0.39	\$3,640	\$5,383,560	3,750	
		2014	1,496	0.40	\$4,500	\$6,732,000	3,700	
MISCELLANEOUS FRUITS & NUTS								
Olives		2015	65	1	\$650	\$42,250	65	
		2014	65	1	\$550	\$35,750	65	
MISCELLANEOUS <sup>3</sup>		2015				\$63,408	19	
		2014				\$55,122	19	
TOTAL MISCELLANEOUS		2015				\$105,658	84	
		2014				\$90,872	84	
TOTAL ALL FRUIT AND NUTS		2015				\$94,977,570	13,908	
		2014				\$85,560,872	13,965	

<sup>1</sup> PEARS WERE REVISED TO REFLECT FURTHER REVIEW OF THE 2014 STATISTICS.

<sup>2</sup> THIS IS THE FOB PRICE WHICH INCLUDES PROCESSING AND PACKING COSTS.

<sup>3</sup> INCLUDES APPLES, PEACHES, STRAWBERRIES, MELONS



## FRUIT AND NUT ACREAGE

CROP		Bearing Acres	Non-Bearing Acres	Total
PEARS	Bartlett	1,863	15	1,878
	All Other Pears	148	8	156
	<b>Total</b>	<b>2011</b>	<b>23</b>	<b>2,034</b>
WINE GRAPES	Whites	2,809	194	3,003
	Reds	5,254	1,198	6,452
	<b>Total</b>	<b>8,063</b>	<b>1,392</b>	<b>9,455</b>
WALNUTS		<b>3,750</b>	<b>266</b>	<b>4,016</b>
OLIVES		<b>65</b>	<b>2</b>	<b>67</b>
MISCELLANEOUS <sup>1</sup>		<b>19</b>	<b>0</b>	<b>19</b>
<b>TOTAL</b>		<b>13,908</b>	<b>1,683</b>	<b>15,591</b>

<sup>1</sup>Includes Apples, Peaches, Strawberries, Melons, Etc.



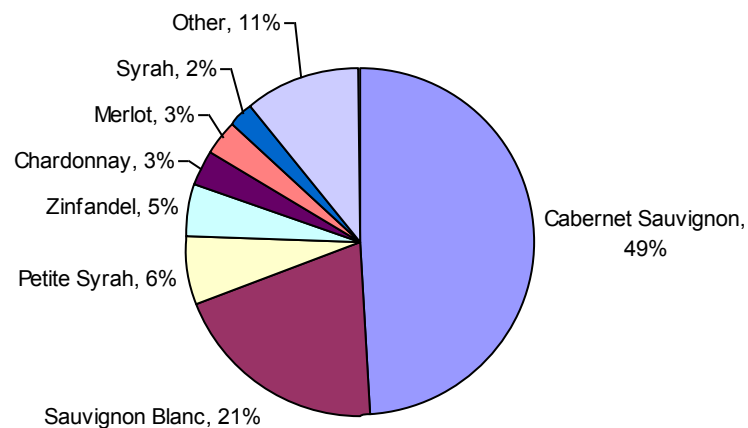
## NURSERY PRODUCTION

YEAR	GREENHOUSE SQ. FEET	FIELD ACRES	VALUE
<b>2015</b>	<b>20,350</b>	<b>46.7</b>	<b>\$1,474,200</b>
<b>2014</b>	<b>17,050</b>	<b>37.2</b>	<b>\$941,566</b>

## Top Wine Grape Varieties

Variety	Tons Crushed	Weighted Average Returns	Total
Cabernet Sauvignon	14,428	\$2157	\$31,130,282
Sauvignon Blanc	11,640	\$1118	\$13,021,663
Petite Sirah	2,191	\$1794	\$3,933,045
Zinfandel	1,758	\$1614	\$2,838,431
Chardonnay	1,707	\$1229	\$2,098,903
Merlot	1,573	\$1290	\$2,029,811
Syrah	949	\$1447	\$1,375,015
All Other	4,540	VARIES	\$6,963,031

**Top Wine Grape Varieties Based On Value**



## All Other Wine Grape Varieties

Aglianico	Albarino	Barbera	Cabernet Franc
Carignane	Chenin Blanc	Cinsaut	Counoise
Gewurztraminer	Grenache	Grenache Blanc	Malbec
Marsanne	Mataro	Muscat Blanc	Muscat Orange
Nebbiolo	Petit Verdot	Pinot Gris	Pinot Noir
Primitivo	Sangiovese	Sauvignon Musque	Semillon
Souzao	Tempranillo	Touriga Nacional	Trousseau
Vementino	Viognier	White Riesling	Zinfandel

## LIVESTOCK PRODUCTION

COMMODITY	YEAR	NO. OF HEAD	TOTAL CWT <sup>1</sup> (LIVE WT)	VALUE PER CWT	VALUE
CATTLE AND CALVES	<b>2015</b>	<b>2,000</b>	<b>9,500</b>	<b>\$230</b>	<b>\$2,185,000</b>
	<b>2014</b>	<b>2,400</b>	<b>11,760</b>	<b>\$185</b>	<b>\$2,175,600</b>
MISCELLANEOUS <sup>2</sup>	<b>2015</b>				<b>\$34,530</b>
	<b>2014</b>				<b>\$130,955</b>
TOTALS	<b>2015</b>				<b>\$2,219,530</b>
	<b>2014</b>				<b>\$2,306,555</b>

<sup>1</sup> CWT = 100 POUNDS

<sup>2</sup> INCLUDES GOATS, SHEEP, HOGS, RABBITS, MEAT CHICKENS, AND OTHER MEAT BIRDS



## LIVESTOCK AND POULTRY PRODUCTS

	YEAR			VALUE
MISCELLANEOUS <sup>1</sup>	<b>2015</b>			<b>\$179,034</b>
	<b>2014</b>			<b>\$137,760</b>

<sup>1</sup> INCLUDES EGGS, CHEESE, WOOL, AND HONEY



## ORGANIC <sup>1</sup> FARMING STATISTICS

CROPS 2014	NUMBER OF FARMS	ACRES	VALUE
WALNUTS	47	1,634	
WINE GRAPES	16	281	
MISCELLANEOUS VEGETABLES	10	15	
PEARS	4	184	
MISCELLANEOUS FRUIT	12	5	
OLIVES	6	24	
GRAINS <sup>2</sup>	3	17	
TOTAL	92	2,160	\$5,289,357

<sup>1</sup> REGISTERED ORGANIC WITH THE LAKE COUNTY AGRICULTURAL COMMISSIONER

<sup>2</sup> ORGANIC GRAINS, INCLUDING HOPS

ORGANIC WALNUTS	ACRES		VALUE
	1,634		\$2,083,741



## VEGETABLE CROPS

COMMODITY	YEAR	ACRES	VALUE
MISCELLANEOUS VEGETABLES <sup>1</sup>	2015	21	\$296,002
	2014	24	\$286,309
<sup>1</sup> INCLUDES PUMPKINS, BEANS, SWEET CORN, GARLIC, HERBS, PEAS, POTATOES, SQUASH, TOMATOES, ETC.			

## FIELD AND SEED CROPS

COMMODITY	YEAR	ACREAGE	RETURNS ( \$ ACRE)	VALUE
IRRIGATED PASTURE	<b>2015</b>	<b>700</b>	<b>\$100</b>	<b>\$70,000</b>
	2014	700	\$100	\$70,000
RANGE	<b>2015</b>	<b>90,000</b>	<b>\$8.50</b>	<b>\$765,000</b>
	2014	90,000	\$8.00	\$720,000
MISCELLANEOUS <sup>1</sup>	<b>2015</b>	<b>2,505</b>	<b>VARIES</b>	<b>\$1,124,865</b>
	2014	2,500	VARIES	\$1,810,000
<b>TOTAL</b>	<b>2015</b>	<b>93,205</b>		<b>\$1,959,865</b>
	2014	93,200		\$2,600,000
<sup>1</sup> INCLUDES WILD RICE, OAT HAY, ALFALFA, GRASS HAY, HOPS, AND GRAINS				



## TIMBER HARVEST <sup>1</sup>

ITEM	YEAR	MBF <sup>1</sup>	VALUE <sup>2</sup>
TIMBER YIELD	<b>2015</b>	<b>330</b>	<b>\$29,447</b>
	2014	1721	\$397,690
<sup>1</sup> Values furnished by the California State Board of Equalization			
<sup>2</sup> Quantity of timber cut and scaled (Thousand Board Feet)			



# SUSTAINABLE AGRICULTURE REPORT

## BIOLOGICAL CONTROL

BIOLOGICAL CONTROL IS THE DELIBERATE USE OF NATURAL ENEMIES TO SUPPRESS OR MANAGE PEST POPULATIONS AT ACCEPTABLE LEVELS.

PEST	AGENT / MECHANISM	SCOPE OF PROGRAM
BULL THISTLE	GALL FLY	Established
ITALIAN THISTLE	SEED HEAD WEEVIL	Established
KLAMATH WEED	KLAMATH WEED BEETLE	Established
YELLOW STARThISTLE	SEED HEAD WEEVIL	Established
	GALL FLY	
	FLOWER WEEVIL	
	HAIRY WEEVIL	
	PEACOCK FLY	
RED GUM LERP PSYLLID	WASP	Established
PUNCTURE VINE	STEM BORING WEEVIL	Established

## PEST ERADICATION

THE FOLLOWING PESTS WERE UNDER ACTIVE CONTROL AND ERADICATION DURING THE YEAR: DALMATIAN TOADFLAX, SCOTCH THISTLE, PLUMELESS THISTLE, ARTICHOKE THISTLE, PURPLE STAR THISTLE, OBLONG SPURGE, CANADA THISTLE, SKELETON WEED, DYERS WOAD, STINKWORT, GOATS RUE AND HYDRILLA\*.

\* HYDRILLA IS A CDFA PROGRAM.

## EXOTIC INSECT PESTS <sup>1</sup>

URBAN TRAPS		PROGRAM HOURS
291		835

<sup>1</sup> INCLUDES TRAPS FOR MEDITERRANEAN FRUIT FLY, ORIENTAL FRUIT FLY, MELON FLY, GYPSY MOTH AND JAPANESE BEETLE

## GLASSY-WINGED SHARPSHOOTER TRAPPING

URBAN TRAPS	NURSERY TRAPS	PROGRAM HOURS
104	13	384

## GLASSY-WINGED SHARPSHOOTER NURSERY SHIPMENT INSPECTIONS

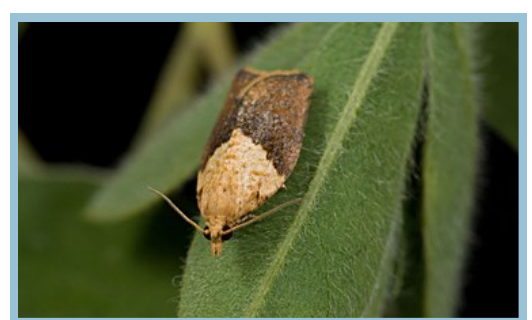
NUMBER OF INSPECTIONS		PROGRAM HOURS
11		27.5

## LIGHT BROWN APPLE MOTH

TRAPS DEPLOYED	NURSERY TRAPS	PROGRAM HOURS
103	13	120

## EUROPEAN GRAPEVINE MOTH

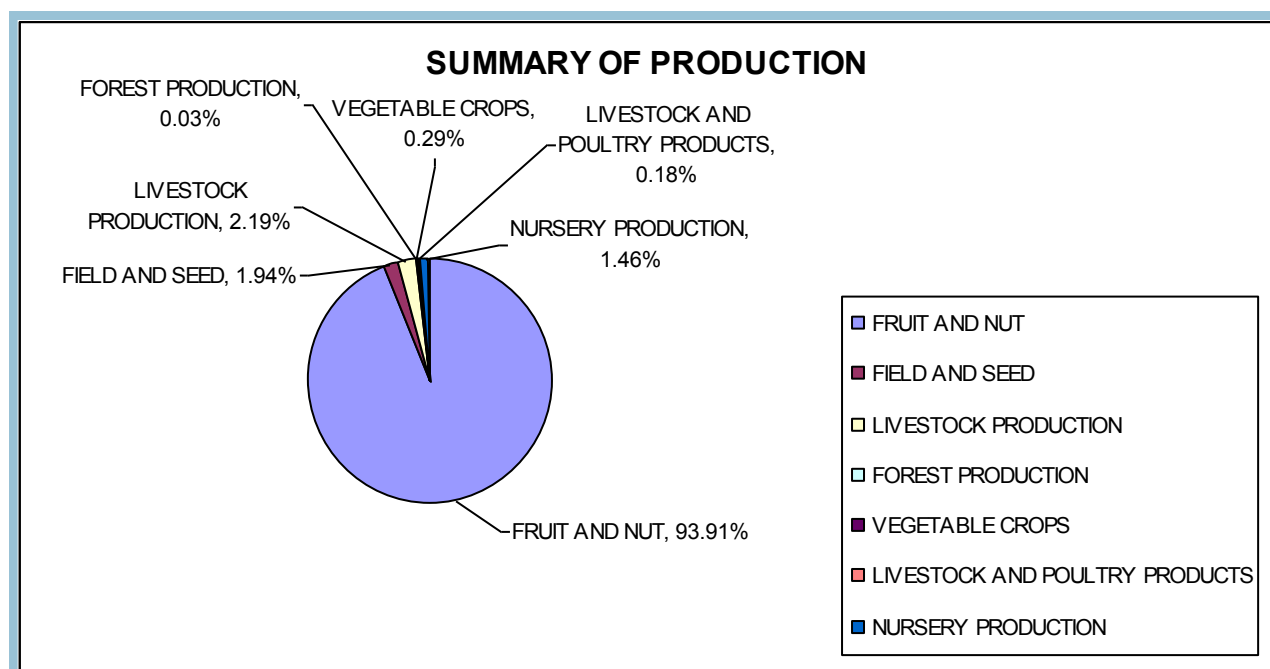
TRAPS DEPLOYED		PROGRAM HOURS
10		120



## SUMMARY OF PRODUCTION

FRUIT AND NUT	2015	<b>\$94,977,570</b>
	2014	<b>\$85,560,872 <sup>1</sup></b>
FIELD AND SEED	2015	<b>\$1,959,865</b>
	2014	<b>\$2,600,000</b>
LIVESTOCK PRODUCTION	2015	<b>\$2,219,530</b>
	2014	<b>\$2,306,555</b>
FOREST PRODUCTION	2015	<b>\$29,447</b>
	2014	<b>\$397,690</b>
VEGETABLE CROPS	2015	<b>\$296,002</b>
	2014	<b>\$286,309</b>
LIVESTOCK AND POULTRY PRODUCTS	2015	<b>\$179,034</b>
	2014	<b>\$137,760</b>
NURSERY PRODUCTION	2015	<b>\$1,474,200</b>
	2014	<b>\$941,566</b>
<b>TOTAL</b>	2015	<b>\$101,135,648</b>
	2014	<b>\$92,230,752</b>

<sup>1</sup> Fruit and Nut total value was adjusted to reflect the revision in the 2014 pear statistics.

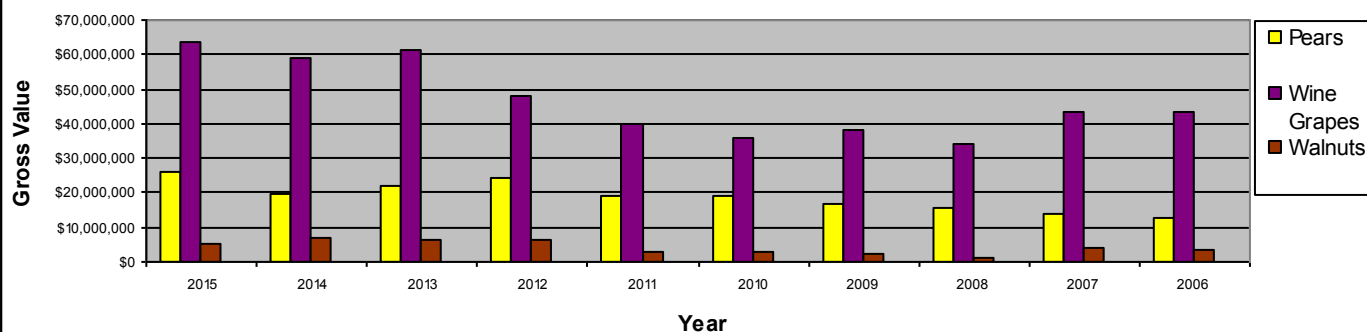


## 5 Year Value Comparison

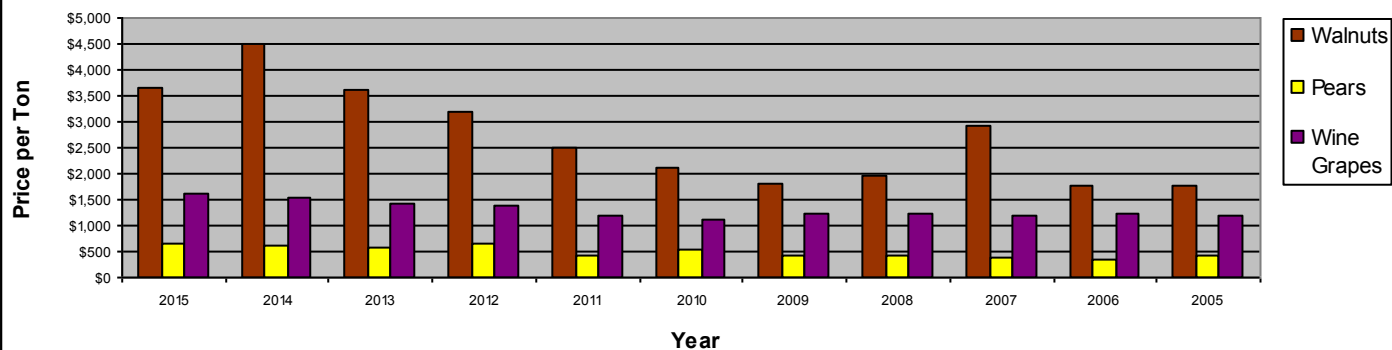
Year	Fruit & Nut	Livestock Production	Livestock & Poultry Products	Nursery Production	Vegetable Production	Field & Seed Crops	Timber	Total Value
2015	\$94,977,570	\$2,219,530	\$179,034	\$1,474,200	\$296,002	\$1,959,865	\$29,447	\$101,135,648
2014	\$85,560,872 <sup>1</sup>	\$2,306,555	\$137,760	\$941,566	\$286,309	\$2,600,000	\$397,690	\$92,230,752
2013	\$89,567,410	\$2,718,983	\$135,685	\$940,458	\$411,255	\$2,217,400	\$181,920	\$96,173,111
2012	\$78,634,818	\$2,390,555	\$149,321	\$1,443,295	\$344,182	\$1,872,340	\$7,900	\$84,842,411
2011	\$62,136,847	\$1,959,100	\$113,121	\$793,107	\$295,894	\$148,300	\$45,915	\$66,824,284

<sup>1</sup> Fruit and Nut total value was adjusted to reflect the revision in the 2014 pear statistics.

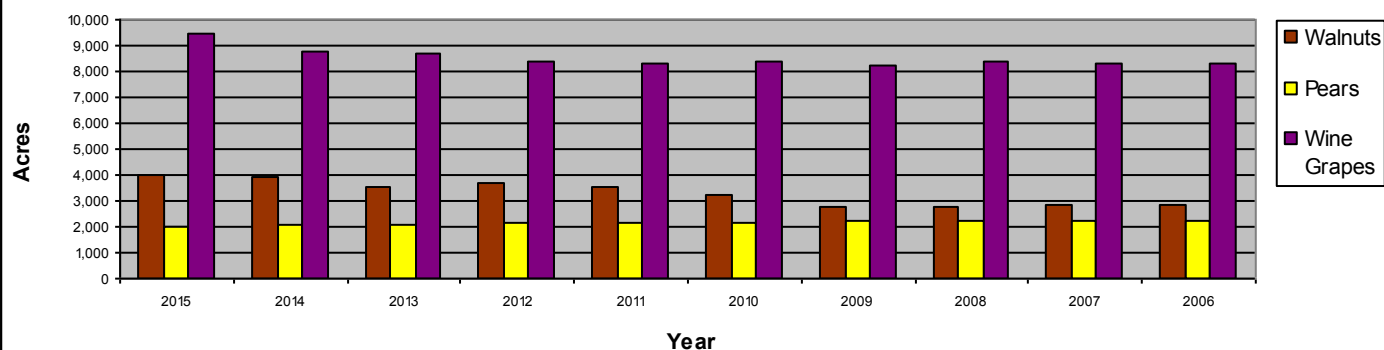
### 10 Year Value Comparison



### 10 Year Crop Returns



### 10 Year Acreage Comparison





## Lake County Board of Supervisors

District 1: Jim Comstock

District 2: Jeff Smith

District 3: Jim Steele

District 4: Anthony Farrington

District 5: Rob Brown



## 2015 Agricultural Commissioner Staff

**Agricultural Commissioner**

**Sealer of Weights and Measures**

Steven Hajik

**Deputy Agricultural Commissioner**

**Deputy Sealer of Weights and Measures**

Kristine Eutenier

**Secretary**

Kelli Hanlon

**Agricultural Biologists**

**Weights and Measures Inspectors**

Drew Tritchler

Katherine Blyleven

Sam Upton

Joseph Lundeen

**Agricultural Aides**

**(Insect Trappers)**

Joe Sylva

Carl Bray



**Wildlife Services Staff**

Chris McLaury

Tony Lombardi